

LISTING OF CLAIMS

Claim 1 (currently amended) A computer implemented method for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the method comprising the steps of:

providing a vendor device with a computer platform coupled to a wireless transmission channel port;

sensing that a wireless mobile device having a man-machine interface and configured to accept transmission of a program to take control of the wireless mobile device's menuing,

interaction, and display functions is within a transmission radius;

transmitting, from the mobile device to the vendor device, mobile device user preference information corresponding to products offered by the vendor device; and

transmitting, from the vendor device via the wireless transmission channel port to a compatible wireless transmission channel port on the wireless mobile device, the program to take control of the wireless mobile device's menuing, interaction and display functions, wherein the program replaces a man-machine interface software component on the mobile device while the mobile device is within the transmission radius of the vendor device.

Claim 2 (original) The method of claim 1 comprising an additional step of causing the wireless mobile device to interact wirelessly with the vendor device and a related micropayments accounting system.

Claim 3 (canceled)

Claim 4 (previously presented) The method of claim 2 wherein the interaction with the related micropayments accounting system will cause a charge to be made to the account of the holder of the wireless mobile device.

Claim 5 (original) The method of claim 4 wherein the step of causing a charge to be made to the account of the holder of the wireless mobile device produces a debit to a prepaid digital account or aggregates the debit with other current debits to be billed to the account holder at month end.

Claim 6 (currently amended) A system for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the system comprising:

a vendor device coupled to a computer platform which comprises a wireless transmission channel port, said vendor device including a display interface,

the wireless transmission channel port configured to transmit a program to take control of the wireless mobile device's menuing, interaction and display functions to a compatible wireless transmission channel port on a wireless mobile device when the wireless mobile device is within a transmission radius, wherein said program replaces a display software component of the wireless mobile device to extend the vendor device interface to include the mobile device.

Claim 7 (currently amended) A system for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the system comprising:

a computer having a processor, a memory, ~~connections~~ a connection to the Internet and a wireless transmission channel port;

a vendor device electronically coupled to the computer and having a display interface;

and

a logic mechanism coupled to the computer and vendor device configured to cause transmission of a program to take control of ~~the~~ a wireless mobile device's menuing, interaction and display functions to extend the vendor device's display interface to said mobile device, the transmission occurring via the wireless transmission channel port of the computer to a compatible wireless transmission channel port on a wireless mobile device automatically when the wireless mobile device ~~is within~~ enters a transmission range of the wireless transmission channel port.

Claim 8 (original) The system of claim 7 wherein the program to take control of the wireless mobile device's menuing, interaction and display functions comprises an additional logic mechanism for causing the wireless mobile device to interact wirelessly with the vendor device and a related micropayments accounting system.

Claim 9 (previously presented) The system of claim 8 wherein the interaction with a related micropayments accounting system will cause the vendor device to provide a product or service to the holder of the wireless mobile device.

Claim 10 (previously presented) The system of claim 7 wherein the interaction with the related micropayments accounting system will cause a charge to be made to the account of the

holder of the wireless mobile device.

Claim 11 (original) The system of claim 10 wherein the causing a charge to be made to the account of the holder of the wireless mobile device produces a debit to a prepaid digital account or aggregates the debit with other current debits to be billed to the account holder at month end.

Claim 12 (currently amended) A system for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the system comprising:

~~a computer having a processor, a memory, connections to the Internet and a wireless transmission channel port;~~
a vendor device electronically coupled to ~~the~~ a computer; and
means for ~~permitting the vendor device to transmit~~ transmitting a program via the a wireless transmission channel port to a compatible wireless transmission channel port on ~~the a~~ wireless mobile device that is within communications range, ~~a means for~~ said program including executable instructions for taking control of the wireless mobile device's menuing, interaction and display functions and for replacing a local interface software component of the mobile device.

Claim 13 (currently amended) One or more tangible computer readable media storing a first set of computer executable instructions which, when executed, cause a computer to perform at least the following steps:

recognizing a wireless mobile device within communications range of a vendor device;
and

transmitting a second set of computer executable instructions to the wireless mobile device, wherein the second set of computer executable instructions replaces a local software component on the mobile device and, when executed by the wireless mobile device, takes control of the wireless mobile device's menuing, interaction and display functions.

Claim 14 (previously presented) The computer readable media of claim 13 wherein the second set of computer executable instructions, when executed by the wireless mobile device, further causes the wireless mobile device to communicate with the vendor device and with a related micropayments accounting system to cause the vendor device to provide a product or service to the holder of the wireless mobile device.

Claim 15 (previously presented) The computer readable media of claim 14 wherein the second set of computer executable instructions, when executed by the wireless mobile device, further causes the wireless mobile device to communicate with the vendor device and with the related micropayments accounting system to cause a charge to be made to the account of the holder of the wireless mobile device.

Claim 16 (currently amended) An apparatus for capturing control of a wireless mobile device composing:

a product device containing a wireless mechanism under the control of a microprocessor for recognizing a presence of at least one wireless mobile device;

the microprocessor in the product device automatically taking electronic control of the wireless mobile device when said wireless mobile device enters a range of said product device to extend a product device interface to the mobile device, whereby the product device can send data to and receive data from the wireless mobile device; and

a link to a micropayment system coupled to the microprocessor whereby the product device can receive an indicia of payment for a service performed by the product device in response to a command from the wireless mobile device.

Claim 17 (original) The apparatus of claim 16 wherein the wireless mobile device is a mobile phone.

Claim 18 (original) The apparatus of claim 16 wherein the wireless mobile device is a personal data assistant device.

Claim 19 (previously presented) The apparatus of claim 16 wherein the wireless mechanism is a wireless transmission channel mechanism.

Claim 20 (original) The apparatus of claim 16 wherein the wireless mechanism is a Bluetooth mechanism.

Claim 21 (previously presented) The apparatus of claim 16 wherein the product device is a product vending machine.

Claim 22 (canceled)

Claim 23 (original) The apparatus of claim 16 wherein the product device is a copy vending machine.

Claim 24 (canceled)

Claim 25 (original) The apparatus of claim 16 wherein the product device is a personal service vending machine.

Claim 26 (original) The apparatus of claim 16 wherein the product device is a parking meter.

Claim 27 (original) The apparatus of claim 16 wherein the micropayment system is a Qpass micropayment machine.

Claim 28 (currently amended) An apparatus for capturing control of a wireless mobile device composing:

a product device containing a means for recognizing a presence of at least one wireless mobile device, and for taking electronic control of the wireless mobile device when said wireless mobile device enters a range of said product device to extend a product device interface to include the mobile device, whereby the product device can send data to and receive data from the wireless mobile device; and

a means for linking to a micropayment system whereby the product device can receive an

indicia of payment for a service performed by the product device in response to a command from the wireless mobile device.

Claim 29 (currently amended) A computer implemented method for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the method comprising the acts of:

providing a vendor device with a wireless mechanism coupled to a wireless transmission channel port under the control of a computer platform;

sensing the presence of the wireless mobile device within transmission range of the vendor device;

transmitting from the vendor device via the wireless transmission channel port to a compatible wireless transmission channel port on the wireless mobile device a program to replace a local software component on the mobile device to take control of the wireless mobile device's menuing, interaction and display functions, whereby data can be interchanged between the vendor device and the wireless mobile device, wherein the local software component is replaced by the program during a time period when the mobile device is within the transmission range of the vendor device; and

providing an electronic link whereby the wireless mobile device can interact wirelessly with the vendor device and a related micropayments accounting system.

Claim 30 (original) The method of claim 29 wherein the interaction with the related micropayments accounting system will cause the vendor device to provide a product or service to the holder of the wireless mobile device.

Claim 31 (original) The method of claim 29 wherein the interaction with the related micropayments accounting system will cause a charge to be made to the account of the holder of the wireless mobile device.

Claim 32 (original) The method of claim 31 wherein the step of causing a charge to be made to the account of the holder of the wireless mobile device produces a debit to a prepaid digital account or aggregates the debit with other current debits to be billed to the account holder at month end.

Claim 33 (currently amended) A system for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the system comprising:

a vendor device having a wireless transmission channel port coupled to a computer platform;

a mechanism in the vendor device coupled to the wireless transmission channel port enabled to recognize the electronic presence of the wireless mobile device, whereby the mechanism can cause the transmission of a program to take control of the wireless mobile device's menuing, interaction and display functions by replacing a local interface software component of the mobile device.

Claim 34 (currently amended) ~~A system for reverse control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the~~

~~device was designed, the system~~vendor device comprising:

a computer having a processor, a memory, ~~connections~~a connection to the Internet and a wireless transmission channel port;the computer being configured

~~a vendor device electronically coupled to the computer;~~

~~a logic mechanism coupled to the computer whereby the vendor device is configured to transmit via the wireless transmission channel port to a compatible wireless transmission channel port on the~~a wireless mobile device that is within transmission range, a program to take control of the wireless mobile device's menuing, interaction and display functions and display information describing products in stock at the vendor device;

receive a purchase selection made on the mobile device

dispense from the vendor device an item for the purchase selection; and

~~wherein the program to take control of the wireless mobile device's menuing, interaction and display functions comprises an additional logic mechanism for causing the wireless mobile device to interact with a micropayments accounting system~~to process the purchase made using the mobile device.

Claim 35 (previously presented) The system of claim 34 wherein the interaction with the micropayments accounting system will cause the vendor device to provide a product or service to the holder of the wireless mobile device.

Claim 36 (previously presented) The system of claim 34 wherein the interaction with the related micropayments accounting system will cause a charge to be made to the account of the holder of the wireless mobile device.

Claim 37 (original) The system of claim 36 wherein the causing a charge to be made to the account of the holder of the wireless mobile device produces a debit to a prepaid digital account or aggregates the debit with other current debits to be billed to the account holder at month end.

Claim 38 (currently amended) A system for reverse-control of a wireless mobile device in order to perform functions using the wireless mobile device in addition to those for which the device was designed, the system comprising:

a computer having a processor, a memory, connections to the Internet and

a wireless protocol port;

a vendor device electronically coupled to the computer;

means for permitting the vendor device to transmit a program for taking control of the wireless mobile device's menuing, interaction and display functions via the wireless protocol port to a compatible wireless protocol port on the wireless mobile device when the wireless mobile device is sensed to be within transmission range; ~~and~~

~~a means for taking control of the wireless mobile device's menuing, interaction and display functions.~~

Claim 39 (previously presented) The method of claim 1, wherein said program causes a display on said wireless mobile device to display a list of products available for purchase from said vendor device and prices of said products, said method further comprising the steps of:

receiving, on said wireless mobile device, a user selection of one of said listed products;

providing said selected product to said user; and

obtaining payment for said selected product using a micropayment system.

Claim 40 (previously presented) The method of claim 1, wherein said mobile device is a mobile phone, and further comprising the steps of:

wirelessly receiving, at the vendor device, a request to purchase an item offered for sale by said vending device; and

using a card reader on said mobile phone to provide payment for said item.

Claim 41 (previously presented) The method of claim 40, wherein said payment for said item is anonymous, whereby said vendor device is not provided with identification of a user of said mobile phone.